



IPW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
)
Takashi OHSAWA) Group Art Unit: 2818
)
Serial No.: 10/621,357) Examiner: TBA
)
Filed: July 18, 2003)
)
For: SEMICONDUCTOR MEMORY DEVICE)
AND METHOD OF MANUFACTURING)
THE SAME)

INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window,
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202
Sir:

This Information Disclosure Statement is submitted for consideration by the United States Patent and Trademark Office in accordance with the duty of disclosure.

Transmitted herewith is:

- ☒ [X] A PTO 1449 form
- ☐ [] A Background Art Information Paper
- ☒ [X] Korean Office Action, with English translation
- ☒ [X] A copy of each item of information listed on the PTO 1449 form
- ☐ [] Concise explanation of non-English language information
 - ☐ [] concise explanation of relevance:
 - ☐ [] English translation of foreign language information
 - ☐ [] English language version of foreign patent office report citing information

☒ English language abstract(s) of foreign patent document(s)

☐ This application relies, under 35 U.S.C. §120, on the earlier filing date of U.S. Application Serial No. ****, filed ***. The information identified on the attached PTO 1449 form was submitted to and/or cited by the Patent and Trademark Office in this earlier application and, therefore, copies are not required to be provided in this application.

1. ☒ This Information Disclosure Statement is filed before the later of:

☐ three months from the filing date of this national application;

☐ three months from the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or

☒ the mailing date of a first office action on the merits.

In accordance with 37 CFR 1.97(b), no fee is required.

2. ☐ This Information Disclosure Statement is filed after the events noted in paragraph 1, but before either:

☐ a final action under 37 CFR 1.113, or an action that otherwise closes prosecution,

☐ a Notice of Allowance under 37 CFR 1.311.

In accordance with 37 CFR 1.97(c), also enclosed is

☐ a fee under 37 CFR 1.17(p) for \$180.00; or

☐ a certification as stated below.

3. ☐ This Information Disclosure Statement is filed before payment of the issue fee, but after either

☐ a final action under 37 CFR 1.113, or an action that otherwise closes prosecution;

☐ a Notice of Allowance under 37 CFR 1.311.

In accordance with 37 CFR 1.97(d), also enclosed is:

☐ a certification, as stated below; and

☐ the IDS processing fee set forth in 37 CFR 1.17(p)(1) in the amount of \$180.00.

Certification

The undersigned states:

☐ Each item of Information contained in this Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement; or

☐ No item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

TOTAL FEES: \$-0-

☐ A check for the amount of the above indicated TOTAL FEES is attached.

☐ Please charge Deposit Account No. 19-0733 in the amount of \$.

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☒ No fee is required.

☐ Please charge or credit Deposit Account No. 19-0733 for an deficiency or overpayment associated with this Information Disclosure Statement.

Attorney Docket No. 002372.00044

Serial No.: 10/621,357


Takashi OHSAWA

A duplicate copy of this sheet is enclosed for accounting purposes.

It is respectfully requested that the Examiner fully consider each item of information, initial the enclosed Form PTO-1449 in the appropriate place to indicate that the information has been considered, and return a copy of the initialed form to the undersigned in accordance with MPEP Section 609.

Respectfully submitted,

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Dated: September 2, 2004

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/621,357
Filing Date	July 18, 2003
First Named Inventor	Takashi OHSAWA
Art Unit	2818
Examiner Name	TBA
Attorney Docket Number	002372.00044

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US -			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			
	N	US-			
	O	US-			
	P	US-			
	Q	US-			
	R	US-			
	S	US-			
	T	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	U	KR 9700227	01/06/1997	Jung JAE-SEUNG		✓
	V					
	W					
	X					
	Y					
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Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.